

Title (en)

Device for connecting a nozzle or a branching tube with a tube

Title (de)

Vorrichtung zum Verbinden einer Düse oder eines abzweigenden Rohres mit einem Rohr

Title (fr)

Dispositif destiné à relier une buse ou un tuyau de détournement avec un tuyau

Publication

EP 2647898 B1 20141224 (DE)

Application

EP 12162961 A 20120403

Priority

EP 12162961 A 20120403

Abstract (en)

[origin: EP2647898A1] The device has an annular body (1) completely covering a pipe (6), where inner diameter (9) of the body is greater than outer diameter of the pipe. A circumferential groove (5) is formed in the body to conduct fluid from an aperture (8) in the pipe. The groove is located between two groove spaces (11), which comprise an O-ring (2) for pressure- and fluid-tight sealing of the groove against the pipe. The groove and the spaces are opened towards the pipe. Another aperture is formed in the body for a nozzle (7) or a branching pipe. The latter aperture is in fluid communication with the groove. The annular body is designed as a hollow cylinder.

IPC 8 full level

F16L 41/12 (2006.01)

CPC (source: EP)

A62C 35/68 (2013.01); **F16L 41/12** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2647898 A1 20131009; EP 2647898 B1 20141224

DOCDB simple family (application)

EP 12162961 A 20120403